



P.B.5818 - Patentlaan 2  
2280 HV Rijswijk (ZH)  
☎ +31 70 340 2040  
TX 31651 epo nl  
FAX +31 70 340 3016

working copy

Europäisches  
Patentamt

Zweigstelle  
in Den Haag  
Recherchen-  
abteilung

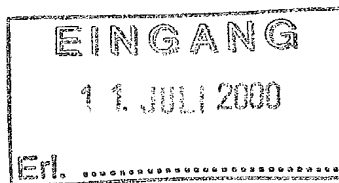
European  
Patent Office

Branch at  
The Hague  
Search  
division

Office européen  
des brevets

Département à  
La Haye  
Division de la  
recherche

Kiriczi, Sven Bernhard  
Kenyon & Kenyon,  
Schillerstrasse 19-25  
60313 Frankfurt am Main  
ALLEMAGNE



Datum/Date  
07.07.00

Zeichen/Ref./Réf.  
10744/60

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.  
00106988.9-2311-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire  
Robert Bosch GmbH

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 3

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 00 10 6988

| DOCUMENTS CONSIDERED TO BE RELEVANT   |   |   |  |
|---|---|---|--|
| Category  | Citation of document with indication, where appropriate, of relevant passages   | Relevant to claim   | CLASSIFICATION OF THE APPLICATION (Int.Cl.7) |
| X   | US 5 691 592 A (MALY GEORGE T ET AL)<br>25 November 1997 (1997-11-25)   | 1,2,7-10  | H01L41/04<br>F02D41/20<br>F02M59/46          |
| Y   | * column 1, line 10 - line 17 *<br>* column 4, line 16 - line 54; figures *<br>----   | 3,4   |  |
| Y   | US 4 127 087 A (CAVES FRANCIS J)<br>28 November 1978 (1978-11-28)<br>* column 2, line 9 - column 4, line 3 *<br>----  | 3,4   |  |
| A   | DE 198 10 525 A (SIEMENS AG)<br>16 September 1999 (1999-09-16)<br>* column 1, line 45 - line 57 *<br>* column 2, line 30 - line 62; figure 1 *<br>* column 3, line 22 - line 32 *<br>---- | 1,5,6   |  |
| A   | DE 197 11 903 A (SIEMENS AG)<br>24 September 1998 (1998-09-24)<br>-----   |   |  |
|   |   |   | TECHNICAL FIELDS SEARCHED (Int.Cl.7)         |
|   |   |   | H01L<br>F02D                                 |
| The present search report has been drawn up for all claims  |   |   |  |
| Place of search<br>THE HAGUE  |   | Date of completion of the search<br>30 June 2000  | Examiner<br>Moualed, R                       |
| CATEGORY OF CITED DOCUMENTS   |   |   |  |
| X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document |   | T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>.....<br>& : member of the same patent family, corresponding document |  |

1

EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 10 6988

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

30-06-2000

| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) |            | Publication<br>date |
|---|---|---------------------|----------------------------|------------|---------------------|
| US 5691592                                | A | 25-11-1997          | NONE                       |            |                     |
| US 4127087                                | A | 28-11-1978          | GB                         | 1556163 A  | 21-11-1979          |
|   |   |                     | BR                         | 7606204 A  | 14-06-1977          |
|   |   |                     | CA                         | 1069202 A  | 31-12-1979          |
|   |   |                     | DE                         | 2641959 A  | 24-03-1977          |
|   |   |                     | ES                         | 451613 A   | 16-07-1977          |
|   |   |                     | FR                         | 2324877 A  | 15-04-1977          |
|   |   |                     | IT                         | 1068336 B  | 21-03-1985          |
|   |   |                     | JP                         | 52060340 A | 18-05-1977          |
|   |   |                     | SE                         | 435649 B   | 08-10-1984          |
|   |   |                     | SE                         | 7610282 A  | 20-03-1977          |
| DE 19810525                               | A | 16-09-1999          | FR                         | 2776087 A  | 17-09-1999          |
|   |   |                     | JP                         | 11327637 A | 26-11-1999          |
| DE 19711903                               | A | 24-09-1998          | CN                         | 1244293 T  | 09-02-2000          |
|   |   |                     | WO                         | 9843305 A  | 01-10-1998          |
|   |   |                     | EP                         | 0968535 A  | 05-01-2000          |